



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
PR110545

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
TARA LYLE 304-558-2544

RFQ COPY
 TYPE NAME/ADDRESS HERE

Graphic Associates, Inc.

WV PRISON INDUSTRIES
NORTHERN REGIONAL JAIL AND
CORRECTIONAL FACILITY
12TH ST. & GRAVE CREEK ROAD
MOUNDSVILLE, WV
26041 304-843-4079

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
05/04/2011				

BID OPENING DATE: **06/09/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		700-56		
				<p>OFFSET PRINTING MACHINES</p> <p>ALTERNATE BID SUBMITTED USED RYOBI 524 HXX . PRESS IS SUBJECT TO PRIOR SALE. GRAPHIC ASSOCIATES DOES NOT OWN PRESS & IS NOT RESPONSIBLE FOR AVAILABILITY</p> <p>INQUIRIES:</p> <p>WRITTEN QUESTIONS WILL BE ACCEPTED UNTIL CLOSE OF BUSINESS ON 05/20/2011. QUESTIONS MAY BE SENT VIA USPS, FAX, COURIER OR E-MAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO:</p> <p>TARA LYLE DEPARTMENT OF ADMINISTRATION 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305</p> <p>FAX: 304-558-4115 E-MAIL: TARA.L.LYLE@WV.GOV</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT</p>		

RECEIVED
 2011 JUN -8 AM 10:12
 WV PURCHASING
 DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>Tara Lyle</i>	216-485-8771	6/7/11
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
PRESIDENT	34-1030419	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/04/2011				
BID OPENING DATE: 06/09/2011		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>THIS TEAM EXHIBIT HAS BEEN REPLACED BY THE ONLINE VERSION WHICH IS AVAILABLE HERE: HTTP://WWW.STATE.WV.US/ADMIN/PURCHASE/VRC/VENPREF.PDF</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
<i>John T. Patton</i>	216-485-8771	6/7/11	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
PRESIDENT	34-1030419		

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VENDOR

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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
05/04/2011				

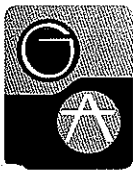
BID OPENING DATE: **06/09/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
SEALED BID						
BUYER:-----TL/32-----						
RFQ. NO.:-----PRI10545-----						
BID OPENING DATE:-----06/09/2011-----						
BID OPENING TIME:-----1:30 PM-----						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: -----216-485-8770-----						
CONTACT PERSON (PLEASE PRINT CLEARLY): -----RICHARD PATTERSON-----						
***** THIS IS THE END OF RFQ PRI10545 ***** TOTAL:						<u>\$195,000"</u>
ALTERNATE BID SUBMITTED USED RYOBI 524 HXX . PRESS IS SUBJECT TO PRIOR SALE. GRAPHIC ASSOCIATES DOES NOT OWN PRESS & IS NOT RESPONSIBLE FOR AVAILABILITY						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Richard Patterson</i>	TELEPHONE 216-485-8771	DATE 6/17/11
TITLE PRESIDENT	FEIN 34-1030419	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



**Graphic
Associates, Inc.**

(216) 485-8771 (800) 678-1787
 FAX: (216) 485-8770
 4717 Hinckley Industrial Parkway
 Cleveland, Ohio 44109-6004
 www.graphicassociates.com
 info@graphicassociates.com

PRI10545

THIS BID IS AN ALTERNATE – equal to Heidelberg GTO 52

Year 2001 RYOBI 4-COLOR 14" x 20" PRINTING PRESS MODEL 524HXX

BID TOTAL PRICE:

\$ 195,000.00

Specifications:

Includes all standard specifications, features, and accessories (refer to following page and attachments)

RYOBI-matic continuous dampening system

Includes all electrical components

"Distributors
of Quality
Graphic Arts
Equipment
Since 1968"

Includes RYOBI PCS-H Printing Control System Console (equal or exceeds CPC 1.02) with:

- ink feed volume control
- ink fountain key control
- plate register remote control vertical, lateral and diagonal

Features include:

- Midlan IR Infrared Dryer
- Ryobi Factory Powder spray unit



Refer to attachments for list of machine components, parts and specifications

Year of manufacture: 2001



Number of machine revolutions: under 48 million (5/26/11)

Serial Number: 1474



Press replacement parts are available through Ryobi dealer network and xpedx (International Paper).

Price includes:

- FOB: destination
- Installation and set up
- Press operation training and Operator maintenance training
- All inclusive 90-day parts and labor warranty

INTOPRINT TECHNOLOGIES



HANS GRONHI



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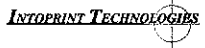
RYOBI 524HXX

SPECIFICATIONS

Number of printing units:	4
Dampening system:	RYOBI-matic continuous dampening with Royse refrigerated circulator
Maximum paper size:	14.76" x 20.47"
Minimum paper size:	3.94" x 5.91"
Maximum printing area:	13.78" x 19.88"
Paper thickness:	0.0016" to 0.016"
Printing speed:	3,000 to 13,000 sheets per hour
Plate loading system:	RYOBI semi automatic plate changer
Plate size:	15.75" x 20.08"
Plate thickness total:	.012"
Blanket type:	aluminum bar
Blanket size:	21.3" x 17.2" x 0.075"
Under blanket size:	19.88" x 15.31" x 0.024"
Feeding system:	rotary type stream feeder
Feeder pile capacity:	23.62"
Feeder pile system:	pre-pile
Delivery system:	chain delivery
Delivery pile capacity:	16.93"
Infeed system:	underswing gripper and paper feed drum
Number of ink rollers:	17 x 4 (4 ink form rollers per unit)
Number of water rollers:	4 x 4 (1 water form roller per unit)
Gripper margin:	.354" + or - 0.039"
Registration system:	pull side guide, drop away front lay
Vertical image micro adjust:	+ or - 0.039"
Vertical image rough adjust:	+ or - .079"
Lateral image micro adjust:	+ or - 0.079"
Diagonal image rough adjust:	+ or - 0.0006"
Oiling system:	automatic centralized oiling system
Dimensions (L X W X H):	13'9" x 7'6" x 5'7"
Weight:	17,700 lbs.
Electrical power:	3 phase, 208 voltage, 60 amps

ALTERNATE BID SUBMITTED
 USED RYOBI 524 HXX . PRESS IS
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"Distributors
 of Quality
 Graphic Arts
 Equipment
 Since 1968"



PRI10545

Year 1994 or newer Heidelberg GTO 52 (14"x 20") 4-color offset printing press, or equal.

Specifications:

Must be a complete system with factory specifications and in good working condition.

Must meet or exceed complete factory dampening system.

Must include all required electrical components.

Must include CPC 1.02 or new with CD.

Press feature preference:

- IR Dryer
- Powder spray unit
- Perfecting preferred.

Must provide floor lay-out of the printing press.

Must provide a picture of the press with the bid.

Must provide a listing of the following with the bid:

- Machine components
- Parts
- Specifications
- Year of manufacture
- Number of impressions
- Serial number

Vendor must make assurances that the press replacement parts are available on the open market.

Press must be complete and ready to produce at factory specifications.

Unit Price should include:

- FOB destination
- Installation/set-up
- One-day/8 hour training session to include - Press operation training and Operator maintenance training. This training must be completed within 60 days after the contract award.
- All inclusive 90-day parts and labor warranty

Successful vendor shall provide electrical specifications prior to delivery and installation.

WV Correctional Industries reserves the right to perform an on-site inspection of the press in operation made prior to award. The vendor should include the location of the press on the bid form.

The contract will be awarded to the vendor with the most complete bid meeting all of the specifications with the lowest grand total.

Vendor shall deliver and install the press 30 days from the receipt of the purchase order.

RFQ No. _____

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: GRAPHIC ASSOCIATES, INC.

Authorized Signature: [Signature] Date: 6/6/2011

State of Ohio

County of Summit, to-wit:

Taken, subscribed, and sworn to before me this 6th day of June, 2011.

My Commission expires 2/28, 2015

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]



THOMAS E. LAUBER
Notary Public, State of Ohio
My Commission Expires February 28, 2015
Recorded in Summit County

PRI10545				
Bid Form				
Item #	Description	Quantity	Unit Price	Extended Price
1	Year 1994 or Newer Heidelberg GTO 52, or equal (Quote shall include FOB Destination, installation/set-up, 1 day/8 hour training session on Press operation training and Operator maintenance training, all inclusive 90-day parts/labor warranty)	1	\$.	\$.
Failure to use this information may result in disqualification.			Grand Total:	

ALTERNATE BID SUBMITTED
 USED RYOBI 524 HXX . PRESS IS
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Bidder/Vendor Information:

Name: GRAPHIC ASSOCIATES
 Address: 4717 HINCKLEY RD. PKWY
CLEVELAND, OHIO 44109
 Phone No.: 216-485-8771
 Fax No.: 216-485-8770

Location of the press:

Name: _____
 Address: _____
NEW YORK, N.Y.
 Phone No.: _____

WV-96
Rev. 10/07

AGREEMENT ADDENDUM

In the event of conflict between this addendum and the agreement, this addendum shall control:

1. **DISPUTES** - Any references in the agreement to arbitration or to the jurisdiction of any court are hereby deleted. Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims.
2. **HOLD HARMLESS** - Any clause requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety.
3. **GOVERNING LAW** - The agreement shall be governed by the laws of the State of West Virginia. This provision replaces any references to any other State's governing law.
4. **TAXES** - Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity, the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals, nor will the Agency file any tax returns or reports on behalf of Vendor or any other party.
5. **PAYMENT** - Any references to prepayment are deleted. Payment will be in arrears.
6. **INTEREST** - Should the agreement include a provision for interest on late payments, the Agency agrees to pay the maximum legal rate under West Virginia law. All other references to interest or late charges are deleted.
7. **RECOUPMENT** - Any language in the agreement waiving the Agency's right to set-off, counterclaim, recoupment, or other defense is hereby deleted.
8. **FISCAL YEAR FUNDING** - Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget. Non-appropriation or non-funding shall not be considered an event of default.
9. **STATUTE OF LIMITATION** - Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted.
10. **SIMILAR SERVICES** - Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted.
11. **ATTORNEY FEES** - The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void.
12. **ASSIGNMENT** - Notwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement.
13. **LIMITATION OF LIABILITY** - The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision limiting the Vendor's liability for direct damages to a certain dollar amount or to the amount of the agreement is hereby deleted. Limitations on special, incidental or consequential damages are acceptable. In addition, any limitation is null and void to the extent that it precludes any action for injury to persons or for damages to personal property.
14. **RIGHT TO TERMINATE** - Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor. Agency agrees to pay Vendor for services rendered or goods received prior to the effective date of termination.
15. **TERMINATION CHARGES** - Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term.
16. **RENEWAL** - Any reference to automatic renewal is hereby deleted. The agreement may be renewed only upon mutual written agreement of the parties.
17. **INSURANCE** - Any provision requiring the Agency to insure equipment or property of any kind and name the Vendor as beneficiary or as an additional insured is hereby deleted.
18. **RIGHT TO NOTICE** - Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession with notice.
19. **ACCELERATION** - Any reference to acceleration of payments in the event of default or non-funding is hereby deleted.
20. **CONFIDENTIALITY**: - Any provision regarding confidentiality of the terms and conditions of the agreement is hereby deleted. State contracts are public records under the West Virginia Freedom of Information Act.
21. **AMENDMENTS** - All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parties. No amendment, modification, alteration or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General.

ACCEPTED BY:

STATE OF WEST VIRGINIA

Spending Unit: _____

Signed: _____

Title: _____

Date: _____

VENDOR

Company Name: GRAPHIC ASSOCIATES

Signed: [Signature]

Title: PRESIDENT

Date: 6/7/2011

The Ryobi 524 Series

World Class Manufacturing in the Quarter Size Format

Technical Features

The Ryobi 524 Series has been recognized around the world for its solid performance in printing quality, productivity, reliability, and ease of operation.

Plate Register Remote Control Device: The plate register remote device quickly makes precise adjustments to image registration. This system allows the operator to make minute vertical and lateral image position adjustments to each printing unit while monitoring the printed sheets at the delivery end. This directly equates to faster make-readies, which in turn means more jobs per day.

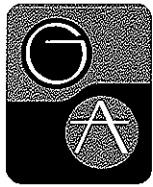
Powerful Drive System: Use of wide helical gears in each cylinder ensure smooth rotation. The gears are induction-hardened and strictly checked to the micron level to guarantee ultra high precision and long-term durability. The drive gears are located on the outside of the press frames, which eliminates the chance of streaking.

Bearer Contact Cylinder System: A bearer-contact cylinder system, in which the blanket cylinder bearer comes in contact with the plate cylinder. Maintains constant plate pressure with each rotation of the cylinder, delivering high print quality with no dot gain.

Ryobi-Matic Dampening System: This system assures a uniform dampening supply on the plate surface to reproduce sharp halftone dots, glossy solids and finely detailed text. Start-up is quick and is designed to minimize spoiled sheets. By simple lever operation, it can also be switched easily between integrated mode and separated mode, in order to exactly match the image and ink characteristics.

Superior Inking: Each ink section consists of 17 ink rollers including four different-diameter form rollers. This superior design ensures an ample ink coverage ratio over the maximum printing area. Printed sheets are reproduced beautifully thanks to superior kneading efficiency and inking characteristics, even at high printing speeds.

Reliability in Handling Heavy Stocks: Paper stocks up to (0.020") in thickness can be printed. Mechanisms in all sections including the registration section and paper transfer section have been upgraded, further enhancing quality when printing heavy stocks. The competition's press only allows for a (0.012") sheet to be printed.



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800-678-1787
FAX (216) 485-8770
Website: www.graphicassoc.com
e-mail: 4717GA@worldnet.att.net

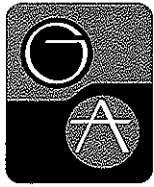
4717 HINCKLEY INDUSTRIAL PARKWAY, CLEVELAND, OHIO 44109-6004 • (216) 485-8771

RYOBI 524 HX

MAJOR SPECIFICATIONS

Speed Range	3,000 to 13,000 s.p.h.
Sheet Size - maximum:	14-3/4" x 20-1/2"
minimum:	3-3/32" x 5-3/32"
Maximum Image Area:	13-5/64" x 19-3/32"
Paper Thickness Range:	0.0016" to 0.016"
Plate Size:	15-7/8" x 20-1/16" x .008"
Total Plate Thickness:	.012"
Blanket Size:	17-1/4" x 21-3/8" x .075"
Under Blanket:	.024"
Feeder Pile Capacity:	21-1/16"
Delivery Pile Capacity (Low Pile)	16-3/32"
Gripper Margin	5/16"
Total Inking Rollers:	17 x 4
Total Dampening Rollers:	4 x 4
Feeder System:	Center Separation Stream Feed
Delivery System:	Chain Delivery
Dampening System:	4 Roller Continuous System
Machine Dimensions (without console):	7'6" width X 13'9" length X 5'5" height
Machine Weight:	15,000 lbs.
Total Power Requirements:	14kW, 208 volts, 60 cycle, 3 phase, 60 amps.

"THE PRINTING EQUIPMENT SPECIALISTS"



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Associates, Inc.

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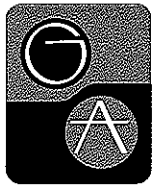
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RYOBI 524 HX FEATURES

PAPER FEED SECTION

1. PAPER PRE PILE FEEDER SYSTEM.
2. ROTARY STREAM FEEDER.
3. CENTER SEPARATOR, SINGLE SET OF LIFTING AND FORWARDING SUCKERS.
4. FEEDER HEAD POSITIONING DEVICE WITH LOCK.
5. PAPER FEED MONITOR.
6. PAPER PILE POWER UP / DOWN.
7. PILE CENTERING DEVICE.
8. STATIC BAR.
9. TWO (2) INTERCHANGEABLE FEED BOARDS.
10. FEEDER HEAD SKEWING DEVICE.
11. INDIVIDUAL BLOWER ADJUSTMENTS.
12. FEEDER PILE GUIDE ADJUSTMENTS.
13. PRODUCTION BUTTON AT DELIVERY END OF PRESS.

“THE PRINTING EQUIPMENT SPECIALISTS”



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e-mail: 4717GA@worldnet.att.net

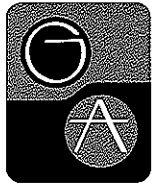
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RYOBI 524 HX FEATURES

REGISTRATION

1. ROLL TO ROLL PULL GUIDES (OPERATOR AND NON OP SIDE).
2. ON THE FLY MICROMETER ADJUSTABLE PULL GUIDES.
3. DROP AWAY FRONT SIDE LAY WITH DIAGANOL ADJUSTMENT.
4. SHEET REGISTER MONITOR BY SHEET.
5. CAM CLOSED GRIPPERS.
6. FOUR (4) GRIPPER CHANGES BETWEEN PRINT UNITS.
7. HIGH PRECISION REGISTRATION PUNCH WHICH PUNCHES PLATE BASED ON REGISTER MARKS TO REDUCE MAKE READY.
8. PLATE POSITIONING PINS IN PLATE CLAMPS.
9. REMOTE CONTROL PLATE REGISTER ON THE FLY FOR ALL PRINTING UNITS AT THE DELIVERY END OF THE PRESS.
10. UNDER SWING GRIPPER WITH ELIPTICAL PAPER FEED DRUM FOR 13,000 SHEET PER HOUR PAPER FEED.
11. INTEGRATED FEED BOARD ROLLER MOVEMENT SYSTEM.

"THE PRINTING EQUIPMENT SPECIALISTS"



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e-mail: 4717GA@worldnet.att.net

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RYOBI 524 HX FEATURES

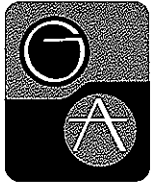
CYLINDER SECTION

1. AUTOMATIC CENTRALIZED OILING SYSTEM.
2. QUICK TENSION PLATE CLAMPS WITH SCALES.
3. QUICK SET BLANKET CLAMPS FOR BLANKETS WITH ALUMINUM BARS.
4. BEARER CONTACT CYLINDER SYSTEM.
5. CYLINDER SAFETY BARS.
6. PLATE CYLINDER PREDETERMINED STOP POSITION.
7. PNEUMATIC CONTROL OF CYLINDERS ON / OFF.
8. MICROMETRIC ADJUSTMENT OF CYLINDER PRINTING PRESSURES.
9. INDUCTION HARDENED, WIDE HELICAL GEARS ON CYLINDERS.
10. V - SHAPED FIVE (5) CYLINDER SYSTEM WITH DOUBLE DIAMETER IMPRESSION CYLINDER.
11. INCHING FORWARD AND REVERSE.

ELECTRONICS

1. SELF DIAGNOSTIC OF ELECTRONICS FUNCTION.
2. ELECTRONIC CONTROL WITH FAIL SAFE SHEET CONTROLLER.
3. REMOTE CONTROL FOR PLATE REGISTER.
4. ELECTRONIC AUTOMATIC SHEET DETECTORS.
5. ELECTRONIC SPEED CONTROL AND INDICATOR.
6. ELECTRONIC DAMPENER CONTROL.
7. ELECTRONIC FIVE (5) DIGIT PRESET / REPEAT COUNTER WITH BATCH FUNCTION.
8. EIGHT DIGIT NON RESETTABLE PRINT COUNTER AND MACHINE ROTATION COUNTER.

"THE PRINTING EQUIPMENT SPECIALISTS"



**Graphic
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RYOBI 524 HX FEATURES

INKER

1. DROP AWAY INK FOUNTAIN.
2. FOUR (4) EACH WASH UP DEVICE.
3. ROLLER CLEAN UP BUTTON.
4. SEVENTEEN (17) INK ROLLERS PER UNIT.
5. FOUR (4) DIFFERENT DIAMETER INK FORM ROLLERS. (X 4).
6. INK DUCTOR CONTROL BUTTON.
7. INK FORM CONTROL BY PNEUMATIC.
8. FOUR (4) GEAR DRIVEN OVERSIZE OSCILLATING ROLLERS. (X 4)).
9. DIAL TYPE INK VOLUME CONTROL WITH MICROADJUST.
10. EASY TO ADJUST INK FORM ROLLERS.

DAMPENING SYSTEM

1. RYOBI-MATIC CONTINUOUS DAMPENING SYSTEM.
2. A. A. C. - AQUA AUTOMATIC CONTROL SYSTEM.
3. ROYSE SS-5 DAMPENING SOLUTION COOLING AND CIRCULATION DEVICE.
4. INTEGRATED OR SEGREGATED MODES.
5. PNEUMATIC CONTROL ON / OFF OF WATER FORM ROLLER.
6. DAMPENING MAIN CONTROL IS AT THE DELIVERY SECTION:
 - A. WATER FORM ON / OFF,
 - B. DAMPENING VOLUME CONTROL,
 - C. DAMPENING SPEED UP CONTROL.
7. ONE (1) WATER FORM ROLLER AND FIVE (5) TOTAL DAMPENING ROLLERS. (X 4).

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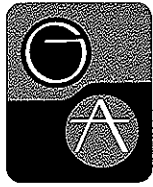
DELIVERY

1. NON STOP DELIVERY DEVICE (FORK).
2. SHEET DECURLING DEVICE.
3. NON OFFSET SPRAY POWDER UNIT.
4. BLOW DOWN SYSTEM WITH CONTROL.
5. SLOW DOWN WHEELS WITH CONTROL.
6. DELIVERY JAM DETECTOR.
7. TWO (2) PAPER CARTS.
8. AUTOMATIC DESCENDING OF DELIVERY TABLE.
9. SHEET DROP ADJUSTMENT.
10. PAPER DELIVERY NO TRACK ROTARY GUIDE.
11. MICROADJUST OF JOGGER.
12. DELIVERY FULL WARNING DEVICE.

SHEET CONTROLLER (FAIL SAFE SYSTEM)

1. TWO (2) EACH DOUBLE SHEET DETECTORS (ELECTRONIC AND MECHANICAL).
2. SKEWED PAPER DETECTOR.
3. OVER RUN DETECTOR AT HEAD STOPS.
4. PAPER PICK UP MONITOR.
5. EARLY AND LATE SHEET DETECTORS.
6. INDICATOR PANEL FOR SPEED, SAFETY DEVICES.
7. DELIVERY PILE FULL MONITOR.
8. JAM MONITOR AT TRANSFER POINTS AND IN DELIVERY.
9. PAPER SMOOTHER DEVICE AT FEED BOARD.

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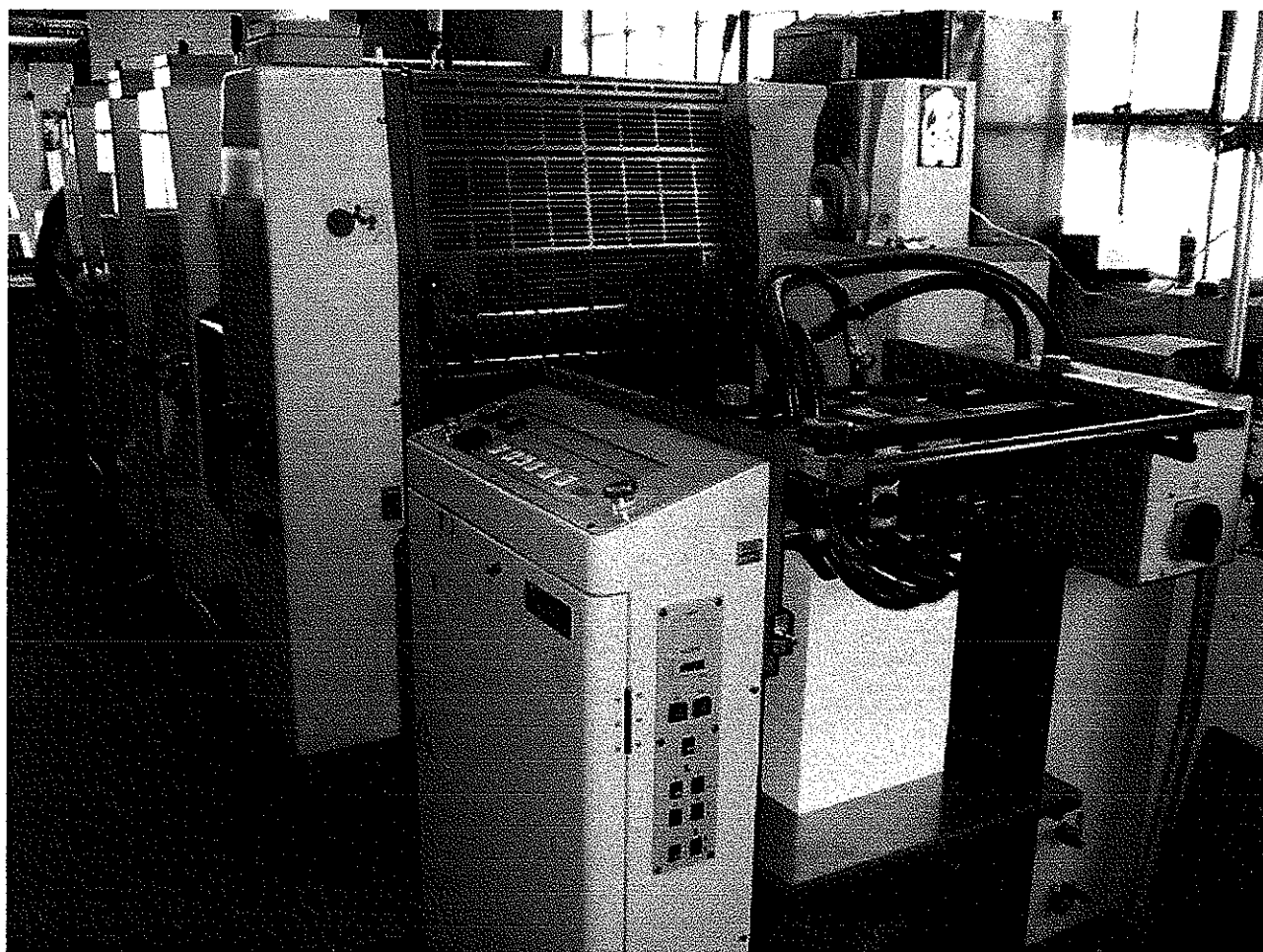
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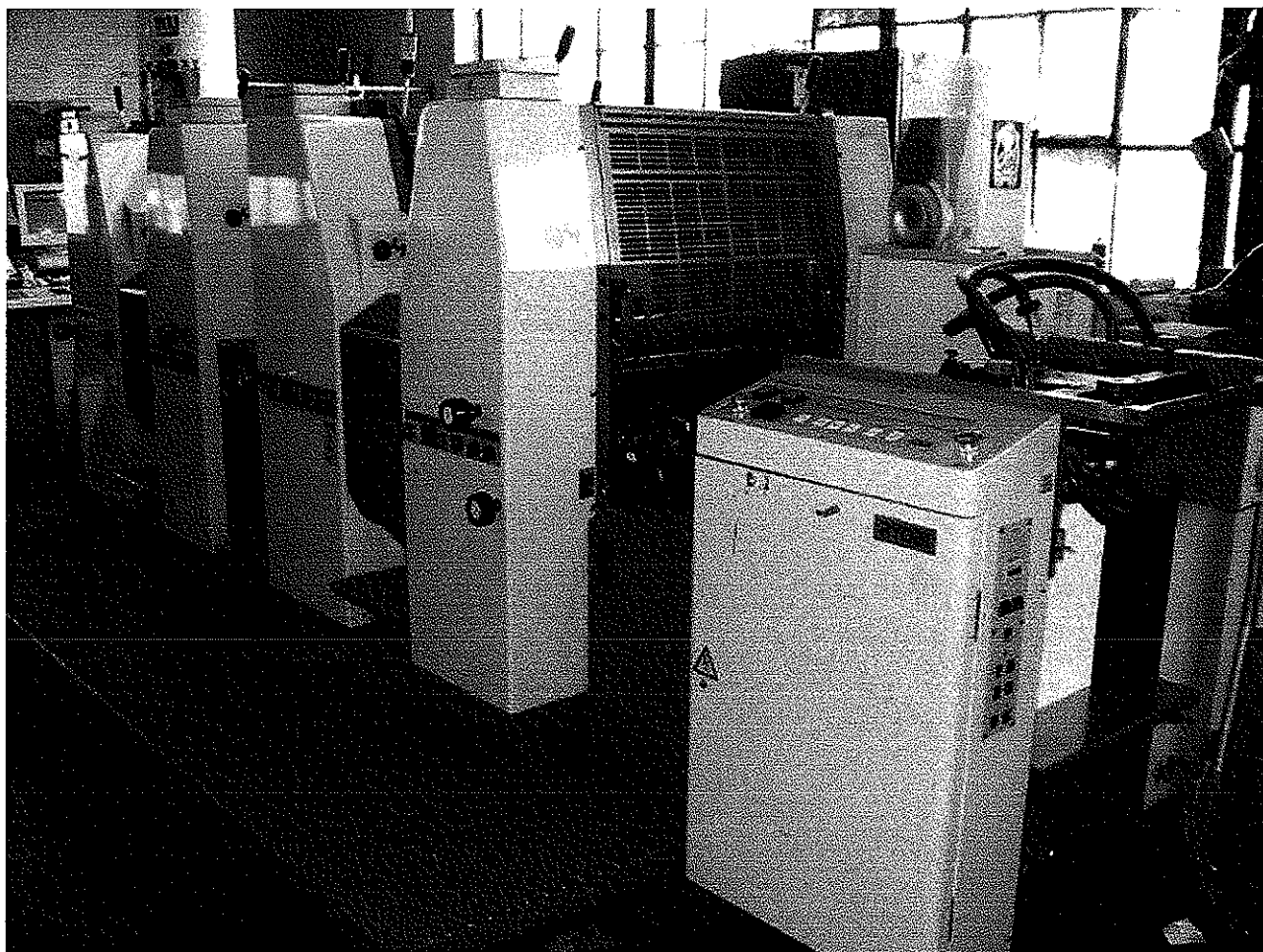
SAFETY DEVICES

1. EMERGENCY STOP BUTTONS.
2. FULL SAFETY GUARDS WITH INTERLOCKS.
3. CYLINDER SAFETY BARS.
4. CYLINDER GAP SAFETY COVERS.

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